

- [54] **COMPUTER AIDED COORDINATE DIGITIZING SYSTEM**
- [76] **Inventor:** Marsh V. Racine, 4069 Alameda Dr., San Diego, Calif. 92103
- [\*] **Notice:** The portion of the term of this patent subsequent to Mar. 25, 2003 has been disclaimed.
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- [52] **U.S. Cl.** ..... 364/520; 364/560; 381/43
- [58] **Field of Search** ..... 364/518-521, 364/513.5, 559, 560; 381/43

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*Primary Examiner*—Gary V. Harkcom  
*Assistant Examiner*—H. R. Herndon  
*Attorney, Agent, or Firm*—Brown, Martin, Haller & McClain

**ABSTRACT**

A computer aided coordinate digitizing system is arranged to read data from construction drawings and make construction estimates from the data. A digitizing device determines a series of X-Y coordinate positions on a flat surface by means of a pointer placed at selected positions on the surface and a sensor assembly for detecting the position of the pointer. The device generates X-Y coordinate signals which are transmitted to a computer associated with the device. The computer is programmed to use the received X-Y coordinate signals to perform calculations in response to entry of computer control functions by an operator using a voice recognition unit which converts vocal commands into computer control signals to operate the computer and initiate the selected computer programs for performing construction estimates.

8 Claims, 2 Drawing Sheets

